



# Head of 3D Design

## Appointment Brief

To start: 1 September 2018 or  
1 January 2019

*One of the top co-educational schools in the*







# 3D Design at Caterham

3D Design replaced Design & Technology at Caterham as the School's 'design and make' subject. The decision to convert to this course was made in light of the changing classification of D&T and the increased creativity and freedom that is allowed within the Art & Design specification. The 3D Design course allows for more creativity and a broader spectrum of outcomes, which include furniture design, interior design, product design, lighting and jewellery. GCSE and A-Level students study 3D Design as part of the endorsed AQA Art and Design syllabus.

A wide range of skills, knowledge and understanding in design, along with the processes needed to realise ideas in three dimensions, are covered from the 1st Year onwards. All projects have a strong design element, which is researched, developed and realised by each student independently. Presentation skills, both in 2D and 3D are introduced, including the use of computers for both design and manufacture.

The department is based around two multi-purpose workshops, where hand and machine tools are used in the production of outcomes. There is also a fully equipped IT suite with the CAD programs Techsoft 2D Design, Google Sketchup, Rhino and Photoshop. The department also houses a Laser Cutter, flat bed router, vinyl cutter and three 3D printers which are

all widely used throughout the year groups and there is also a staff-only heavy machine room.

The Design department actively supports students learning with yearly visits to galleries and museums as a starting point for GCSE projects. There is no 'house style' within the department: the philosophy being to teach and develop skills, knowledge and understanding within the younger pupils and then to draw upon personal strengths and creative ideas as the pupils mature. Critical and observational studies are embedded within the work throughout the Key Stages. Teaching operates within a structured syllabus and a disciplined, but non-authoritarian, working environment. Caterham is a school, which demands a high level of commitment from its staff. Co-curricular activities, within and outside their own department, are part of every teacher's job. Within the 3D Design department this includes lunchtime clubs, Saturday workshops each term (usually mornings but sometimes whole days). The successful applicant will be flexible, open and energetic, willing to contribute fully to the life of the department. He or she should enjoy working as part of a team, really care about our pupils and their education and have a passion for 3D Design!

# The Role

## Applications are invited for the post of Head of 3D Design

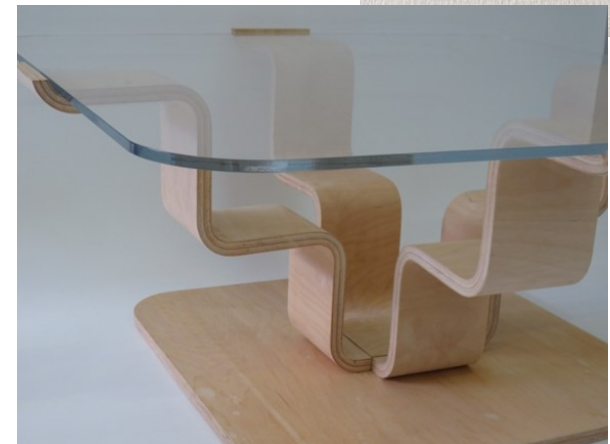
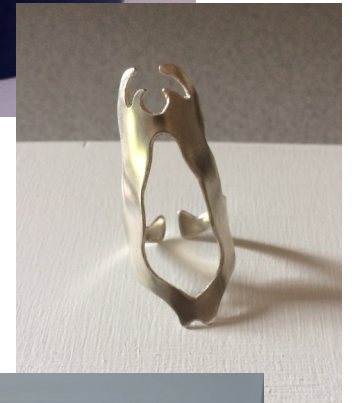
Description of the role includes:

- A well qualified and enthusiastic teacher is needed from September 2018 to lead our 3D Design Department.
- Applicants would be welcome from either, an Art and Design OR Design and Technology background.
- Candidates should have a good qualification in one or more of the following areas: Furniture, Interiors, Product or Jewellery or may be qualified within Art and have additional experience enabling them to be proficient as a 3D Design teacher.
- A good knowledge of CAD/CAM programs and machines would be an advantage.
- The person appointed will be expected to play a full and positive part in the life of the School. The ability and willingness to become involved in, and contribute to other co-curricular activities will be essential.
- The successful candidate will work with the Director of Innovation and other interested parties on cross-curricular projects which will be ambitious in their scope and range.

*'Light' - 5th Year Project*

*'Silver Ring' - A level Project*

*'Table' - A level Project*





# The School

## One of the top co-educational schools in the country

Caterham School is one of the leading co-educational HMC schools in the country. We are committed to providing an environment in which all pupils are challenged to be the best they can be and one in which pastoral care and wellbeing underpin academic, co-curricular and sporting excellence. The majority of our pupils are day pupils but we are also a thriving boarding community, which enriches the educational opportunity and experience for all.

We believe in providing an education for life for all Caterhamians and we seek to ensure that the learning experience at our school blends the best of tradition with the exciting opportunities provided by new technology. Learning how to learn is a key facet of a Caterham education and is in our view an essential skill for life in the twenty-first century. We believe that a truly excellent school is about more than academic achievement alone: it is also about developing a passion for learning, a capacity for independent and critical thinking, self awareness and resilience, self confidence without arrogance and genuine interests that extend beyond the confines of the classroom.

At Caterham School we focus on developing the whole person, aiming to ensure that each pupil leaves here ready for the challenges of life at university and beyond and understanding their responsibilities towards others. We want our pupils to leave Caterham well equipped to engage positively with a rapidly changing world as accomplished problem solvers and innovators,

confident in their ability to lead and with a clear appreciation of and respect for the views and potential of others. In so doing we remain true to our founding Christian principles and values.

All round the campus you will see signs of our confidence in the future with our modern Sports Centre and all-weather pitch, recently refurbished boarding accommodation, new assembly hall and theatre, and state of the art IT facilities. In 2008 we built a new North Wing to provide improved facilities for Sixth Form pupils and new facilities for the Health Centre. In 2013 we added two more science labs to bring the total to fifteen. All this situated on 200 acres in the beautiful, wooded Harestone Valley.

Caterham School enjoys an enviable reputation for producing highly successful individual and team performances in a wide range of sports.

Excellence is pursued wholeheartedly (with many pupils achieving county, national and international representative honours), but the aim is also to cater for every pupil, at his or her own level of ability and enthusiasm.

The co-curricular programme is extensive and covers a wide range of activities including, but not limited to: music, drama, dance, Duke of Edinburgh's Award, languages, circus club, science, outdoor pursuits, go-karting, kit car club, chess and Warhammer.





# The Application Process



Please complete the application online via the school website at:

<http://www.caterhamschool.co.uk/about/careers/teaching-vacancies>

If you have any questions or queries, please contact Johanna Field, Director of HR and Compliance, [hr@caterhamschool.co.uk](mailto:hr@caterhamschool.co.uk) or call 01883 335 055

The closing date for applications is Monday 21 May.

The School reserves the right to appoint at any stage of the recruitment process; early applications are encouraged.

Caterham School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. All offers of employment are subject to an enhanced DBS check.

[www.caterhamschool.co.uk](http://www.caterhamschool.co.uk)

INSPIRING EDUCATION FOR LIFE



# Benefits

We pride ourselves on the best support and care for our academic and bursarial staff – a school is only as strong as those working within it. As such, our staff enjoy a range of benefits and enjoy the strong sense of community that pervades the School.

## **Continuous Professional Development**

All staff have access to generous professional development training as part of the School's performance management process. The focus at Caterham School is on encouraging and supporting individuals to continue to grow their skills to provide the finest teaching and learning for our students.

## **Counselling and Legal Advice Service**

A free, confidential 24 hour telephone service available 365 days per year.

## **Fee Remission**

Discount available on school fees. Please contact the HR department for full terms and conditions.

## **Pension Scheme**

Teachers Pension Agency Scheme/ Legal and General Stakeholder scheme with an employer's contribution of up to 10% *as appropriate*.

## **Subsidised Sports Centre Membership**

Subsidised Membership to Caterham School's Sports Centre with extensive fitness suite, 25 metre indoor pool, sports hall and programme of fitness classes.

## **Free meals whilst on duty**

Includes breakfast, lunch and dinner during term time, and where available during the school holidays.







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